Use Attainability Analysis

for

WBID 0582 Sugar Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

SECTIVED

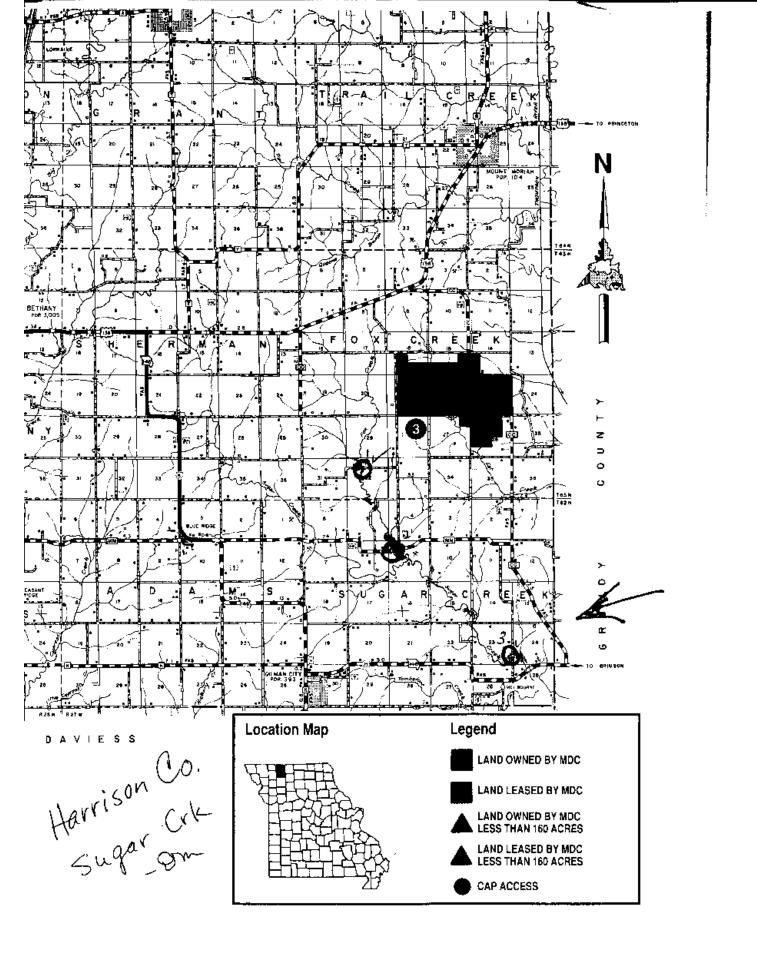
Data Sheet A - Water Body Identification

2000 JUL 11 PM 4: 26
WATER PROTECTION PROGRAM.

Water Body Name (from USGS 7.5' quad): Sugar CR.
8-digit HUC: /02 801 02
Missouri WBID#: 582
County: HARRISON
Upstream Legal Description: 5 32 Taw R 26N
Downstream Legal Description: 5 &3 T-62N R 86N
Upstream Coordinates: N 40 21684 W93.85072 (14M)
Downstream Coordinates: N NO . 15059 N 93 . 7831 (6M)
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: (3)
Name of Surveyor and Telephone Number: (FAIQ C + Harm W 816-623-7015
Organization: No ONR Chatfield woods and
Position: 6al Suertists

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	<u>C:</u>	7	1 ch	1-0	A	- W	_Date: _	7.	6	105
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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	582 -01		Site Location De	escription:	
Site GPS Coordinates: ,	140.21684) W	193.8507	2 509AR	L CR	
	105 @ 8:2	0 A.M.	Facility Name:		- "
Personnel: RAiq	C + Aranow		Permit Number:		
Current Weather Condit			Weather Conditi	ions for Past 7 days: 1;	9H RAIN
Photo lds: Upstream: W		nstream: NB1			71.7
101	-)80	101-1		··	
es Observed*:					
Swimming	Skin diving	□ sct	UBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boa	ating	□ Wading	Rafting
Hunting	Trapping	☐ Fish	hing	None of the above	Other:
		φ, .γ	or use, picco	documentation of evidence	orrectational asso, or
				ises. Attach photos of evider	
rrounding Condition	ns*: (Mark all that pr	omote or imp			
rrounding Conditions of interest.)	ns*: (Mark all that pr	omote or imp	pede recreational unaservation lands	ises. Attach photos of evider	nce or unusual
rrounding Conditions of interest.)	ns*: (Mark all that pr	omote or im	pede recreational un nservation lands forests	ises. Attach photos of evider	nce or unusual
rrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that pr	omote or imp	pede recreational un nservation lands forests	uses. Attach photos of evider Urban areas Nature trails	nce or unusual
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pr	omote or imp MDC cor National	pede recreational un nservation lands forests	uses. Attach photos of evider Urban areas Nature trails	Campgrounds
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pr	omote or important of the model	pede recreational un nservation lands forests pes	uses. Attach photos of evider Urban areas Nature trails Other:	nce or unusual

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

tream Morpholog Upstream View	•	Dimension	15;									
Riffle Width	(ft):	Lengt	th (ft):		Avg. Depth (f	t):	11	M	lax. Dept	th (ft):	
X Run Width	(ft): 20	Lengt	th (ft):	20'	Avg. Depth (f	t):	2"	М	lax. Dept	th (ft):	511
Pool Width	(ft):	Lengt	th (ft):		Avg. Depth (f	t):	•	М	ax. Dept	th (ft):	
Flow Present	? 💢 Yes	□ No			Estimated (ft ³ .	/sec);					
Downstream Vie	w Physic:	al Dimens	ions:									
Riffle Width			th (ft):		Avg. Depth (f	t):		М	ax. Dept	th (ft):	-
X Run Width		1	th (ft):	20	Avg. Depth (f		311		ax. Dept			6
Pool Width	<u> </u>		th (ft):	<i>a</i> •	Avg, Depth (f				ax. Dept			
Flow Present	· · · · · · · · · · · · · · · · · · ·	□ No			Estimated (ft ³ ,		· · ·			(10	<i>,</i> .	
ID % Cobble	10	d add up to % Gravel	5	% Sa	·		Silt	% N	Aud/Clay	y Į		% Bedroo
ID % Cobble quatic Vegetation 101 - 180	#: (note am	% Gravel ount of vega	5 etation (or algal gr	·		•	% N	Aud/Clay	y		% Bedroo
ID % Cobble quatic Vegetation 101 — 180, Vater Characteris	#: (note am 18) will tics*: (Mar	% Gravel ount of vege	5 etation (582 ply.)	or algal gr	owth at the asses	sme	nt site)	% N		у		% Bedroo
ID % Cobble quatic Vegetation 101 - 180, Vater Characteris Odor:	#: (note am 18) \ \psi \ \text{B} \ tics*: (Mar Sewage	% Gravel ount of vega ount of vega ount of vega the state of the st	etation of 582 pply.)	or algal gr	owth at the asses	sme	nt site)		Other:		d se	
quatic Vegetation 101 - 180, ater Characteris Odor; Color:	#: (note am 18) WE tics*: (Mar Sewage	% Gravel ount of vege ount of vege k all that ap	etation of 582 ply.) Musky Green		owth at the asses Chemical Gray	sme	nt site) None Milky	% N	Other:		h ve	
quatic Vegetation 101 - 180, ater Characteris Odor:	#: (note am 18) \ \psi \ \text{B} \ tics*: (Mar Sewage	% Gravel ount of vege k all that ap G S	etation of 582 pply.)	or algal gr	owth at the asses	sme	nt site)		Other:		d se	
Vater Characteris Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is not omprehensive understate ecision on the recreation, the undersigned, atasheet is true and true a	tics*: (Mar Sewage Sludge Oil attach add to be used sinding of warning areas and accurate of the control of the	% Gravel ount of vege O O	ply.) Musky ireen olids cum moval ons. Con point to	or algal group of a recreat sequently, conditions	Chemical Gray Fine sediments Foam ing information tional use designatis information that need furthe knowledge, th	on i	None Milky None Tom inter to intender all inform	rviews is to produce to direct effects mation	Other: Other: Other: Other: other: ovide a rectly inflict another	s formore luencer used	rm.	ky his UAA
Vater Characteris Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is not omprehensive understate ecision on the recreation, the undersigned,	tics*: (Mar Sewage Sludge Oil attach add to be used sinding of warning areas and accurate of the control of the	% Gravel ount of vege O O	ply.) Musky ireen olids cum moval ons. Con point to	or algal group of a recreat sequently, conditions	Chemical Gray Fine sediments Foam ing information tional use designatis information that need furthe knowledge, th	on i	None Milky None Tom inter to intender all inform	rviews is to produce to direct effects mation	Other: Other: Other: Other: other: ovide a rectly inflict another	s formore luencer used	rm.	ky his UAA





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	582-02		Site Location De	escription:	
Site GPS Coordinates: /	V.40, 18774 W	43 ·834414	(9 M.)	Sugar CR	
Date & Time: 7/6			Facility Name:		
Personnel: (2019			Permit Number:		
Current Weather Condit			Weather Condit	ions for Past 7 days:	ight Ran
Photo Ids: Upstream: W	<u> </u>	nstream:WB[)KB2-02 Othe	r;	113 1 22
	-182	101-183	202 -24		, - <u>, -,</u>
es Observed*:					
Swimming	Skin diving	□ sc	JBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boa	iting	Wading	Rafting
Hunting	Trapping	☐ Fisl	ning	None of the above	Other:
			,,	-documentation of evidence	3.1.0.3.0.11
				uses. Attach photos of eviden	
rrounding Condition		promote or imp			
rrounding Conditions of interest.)	ns*: (Mark all that p	promote or imp	pede recreational unservation lands	uses. Attach photos of eviden	nce or unusual
rrounding Conditions of interest.)	18*: (Mark all that p ☐ Playgrounds	promote or imp	pede recreational unservation lands	uses. Attach photos of evider	nce or unusual
rrounding Condition as of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or imp	pede recreational unservation lands	uses. Attach photos of evider Urban areas Nature trails	nce or unusual
rrounding Condition as of interest.) City/county parks Boating accesses	ns*: (Mark all that p Playgrounds State parks Fence	oromote or imp ☐ MDC cor ☐ National Steep slo	pede recreational unservation lands	uses. Attach photos of evider Urban areas Nature trails	nce or unusual
rrounding Condition as of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or imp MDC cor National Steep slo	pede recreational unservation lands forests	uses. Attach photos of evider Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two – WBI	D# <u>582</u> ; ,) 2 Sw.	· D - Site	Character	Lacion		
Stream Morphol							
Riffle Wid	th (ft):	Length (ft):		Avg. Depth (fi	 l):	Max. Depth ((ft):
Run Wid	th (ft): 20	Length (ft):	80	Avg. Depth (fl): 2 1	Max. Depth (ft): 3 ^{ff}
Pool Wid	th (ft):	Length (ft):	_ -	Avg. Depth (fi		Max. Depth (
☐ Flow Pres	ent? 🛚 Yes [] No		Estimated (ft³/	sec):		
Downstream V	iew Physical I	Dimensions:					
	th (ft):	Length (ft):		Avg. Depth (fi	:):	Max. Depth (ft):
Run Wid	th (ft): 201	Length (ft):	201	Avg. Depth (fi): 2	Max. Depth (ft): 3 [#]
Peol Wid	th (ft);	Length (ft):		Avg. Depth (fi		Max. Depth (
☐ Flow Pres	ent? X Yes [No No		Estimated (ft ³ /		,	
_				•			
Substrate*: (Thes							
% Cob	ble 80 %	Gravel	60% Sand		9 % Silt	% Mud/Clay	% Bedrock
Water Charactei	istics*: (Mark al	I that apply.)					
Odor:	☐ Sewage	Musky	Che	mical	None	Other:	
Color:	Clear	Green	Gra	y	Milky	Other:	Murkay
Bottom Deposit:	Sludge	Solids	(Line	scdiments	None	Other:	/
Surface Deposit:	☐ Oil	Scum	☐ Foa	m	None	Other:	
Comments: Pleas *This information is a comprehensive under decision on the recreation. I, the undersigne	not to be used solel standing of water of tion use analysis b	y for removal of onditions. Consu ut may point to c	a recreation equently, th onditions th	al use designa is information at need furthe	tion but rathe is not intend r analysis or	er is to provide a mo led to directly influer that effect another u	ore nce a se.
datasheet is true		. <u>.</u>)		برا به		
Signed:	y UT-	<u>a </u>	<u>ν</u>	Date:	<u> 7/6/</u>	05	
Organization:	MO DUR		,	Position:		il scientis	<u>45</u>

0582_02_US





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	581-05	Site Location De	•	
Site GPS Coordinates: N	J.40.13039 W93	78311 50g	ar cr	
Date & Time: 7/6	∞ € 8:50	Facility Name:		
Personnel: CRAA	C. I Harow	O Permit Number:		
Current Weather Condit	ions: Sunny	Weather Condit	ions for Past 7 days: LA	tht Rain
Photo Ids: Upstream: W		eam: WBD582-03 Othe	r:	,
10	1-184	101-185		
s Observed*:				
	Skin diving	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	☐ Wading	Rafting
Hunting	Trapping	Fishing	None of the above	Other:
		ing, frequency of use, photo-		
	ns*: (Mark all that prom		uses. Attach photos of evider	,
				,
s of interest.)		note or impede recreational u	uses. Attach photos of evider	nce or unusual
S of interest.) City/county parks	☐ Playgrounds ☐ ☐ State parks ☐	note or impede recreational u	uses. Attach photos of evider	nce or unusual
City/county parks Boating accesses	☐ Playgrounds ☐ ☐ State parks ☐ ☐ Fence ☑	note or impede recreational u MDC conservation lands National forests	uses. Attach photos of evider Urban areas Nature trails	nce or unusual
Sof interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ ☐ State parks ☐ ☐ Fence ☑	note or impede recreational u MDC conservation lands National forests	uses. Attach photos of evider Urban areas Nature trails	ce or unusual Campgrounds Stairs/walkway
of interest.) City/county parks Boating accesses No trespass sign dence of Human Us	☐ Playgrounds ☐ ☐ State parks ☐ ☐ Fence ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	note or impede recreational under the MDC conservation lands National forests Steep slopes	uses. Attach photos of evider Urban areas Nature trails Other:	nce or unusual

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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'age Two - WBID # 581: -03 97 Stream Morphology: **Upstream View Physical Dimensions:** Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Pool 35 20 Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): 6 Flow Present? T Yes □No Estimated (ft³/sec): Downstream View Physical Dimensions: Riffle R Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft); Length (ft): Avg. Depth (ft): Max. Depth (ft): X Pool Width (ft): Length (ft): BOI Avg. Depth (ft): Max. Depth (ft): Flow Present? Estimated (ft³/sec): □ No Substrate*: (These values should add up to 100%.) /b % Cobble 1**≤** % Gravel % Sand 30 % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) GRASSES WBD582-03 Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical None Other: Color: ☐ Clear ☐ Green ☐ Grav ☐ Milky Other: Bottom Deposit; Sludge ☐ Solids Fine sediments None Other: Surface Deposit: ⊟oit Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use, I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. y child + AW

Organization:

Date:_

Position:

